

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)

NEC 01FN073

Application Number

Applicant(s)

SHIRAKAWA et al.

Filing Date

February 15, 2002

Group Art Unit



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
* <i>CR</i>		JP 2000-20993	01/21/2000	JAPAN	←			/
* <i>CR</i>		JP 2000-020999	01/21/2000	JAPAN	←			/
* <i>CR</i>		JP 2000-011402	01/14/2000	JAPAN	←			/

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*CR Patel*

DATE CONSIDERED

*3/17/05*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*x to the extent of drawings only*

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>NEC 01FN073</b>	Application Number <b>10/077,639</b>
	Applicant(s) <b>SHIRAKAWA et al.</b>	
	Filing Date <b>February 15, 2002</b>	Group Art Unit <b>2651</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>atc</i>		11-259893	9.24.99	JAPAN (w/abstract)	G11B	7/135		
<i>ar</i>		2000-076665	3.14.00	JAPAN (w/abstract)	G11B	7/09		
<i>av</i>		01-184638	7.24.89	JAPAN (w/abstract)	G11B	7/095		
<i>av</i>		64-046240	2.20.89	JAPAN (w/abstract)	G11B	7/095		
<i>cel</i>		09-251645	9.22.97	JAPAN (w/abstract)	G11B	7/09		

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER <i>ER Patel</i>	DATE CONSIDERED <i>3/17/05</i>
--------------------------	--------------------------------

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)

NEC 01FN073

Application Number

10/077,639

Applicant(s)

SHIRAKAWA et al.

Filing Date

February 15, 2002

Group Art Unit

2651

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
W		2000-155979	6.6.00	JAPAN (w/abstract)	G11B	7/135		
W		2000-057616	2.25.00	JAPAN (w/abstract)	G11B	7/135		
W		2000-171345	6.23.00	JAPAN (w/abstract)	G01M	11/00		
W		2001-507463	5.6.01	JAPAN	G01M	11/02		

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

W. Patel

DATE CONSIDERED

3/17/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.